

(12)特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2004年5月27日 (27.05.2004)

PCT

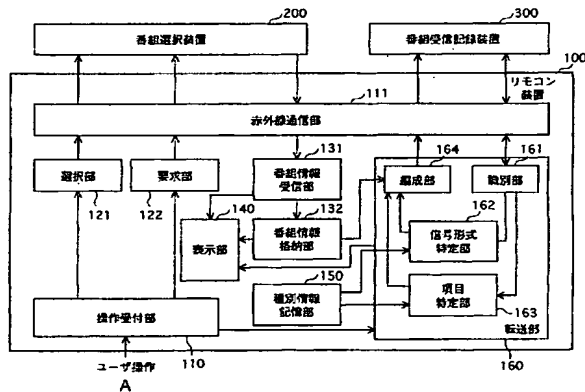
(10) 国際公開番号
WO 2004/045203 A1

- (51) 国際特許分類⁷: H04N 5/00 (72) 発明者; および
(21) 国際出願番号: PCT/JP2003/014415 (75) 発明者/出願人 (米国についてのみ): 洲上 哲司
(22) 国際出願日: 2003年11月13日 (13.11.2003) (FUCHIKAMI, Tetsuji) [JP/JP]; 〒572-0055 大阪府 寝
(25) 国際出願の言語: 日本語 屋川市御幸東町 3-1 4-5 2 4 Osaka (JP). 平山 和
(26) 国際公開の言語: 日本語 彦 (HIRAYAMA, Kazuhiko) [JP/JP]; 〒560-0003 大阪
(30) 優先権データ: 特願 2002-329447 府 豊中市東豊中町 3-2 3-B 2 0 2 Osaka (JP).
2002年11月13日 (13.11.2002) JP (74) 代理人: 中島 司朗 (NAKAJIMA, Shiro); 〒531-0072 大
(71) 出願人 (米国を除く全ての指定国について): 松下電 阪府 大阪市北区豊崎三丁目 2 番 1 号 淀川 5 番館 6 F
器産業株式会社 (MATSUSHITA ELECTRIC INDUS- Osaka (JP).
TRIAL CO., LTD.) [JP/JP]; 〒571-8501 大阪府 門真市
大字門真 1 0 0 6 番地 Osaka (JP). (81) 指定国 (国内): AE, AG, AL, AM, AT, AU, AZ, BA, BB,
BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK,
DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,

/続葉有/

(54) Title: REMOTE CONTROL DEVICE AND PROGRAM RECEPTION SYSTEM

(54) 発明の名称: リモコン装置及び番組受信システム



(57) Abstract: A program selection device (200) receives reception information on a plurality of programs and displays a list of programs. A remote control device (100) transmits a selection signal for selecting a program from the list of the programs and a request signal for requesting the reception information by a first user operation to the program selection device (200) and receives reception information on a program selected by the selection signal from the program selection device (200). Furthermore, the remote control device (100) transmits the reception information received by a second user operation to a program reception recording device (300).

- 200... PROGRAM SELECTION DEVICE
300... PROGRAM RECEPTION RECORDING DEVICE
100... REMOTE CONTROL DEVICE
111... INFRARED RAY COMMUNICATION SECTION
121... SELECTION SECTION
122... REQUEST SECTION
131... PROGRAM INFORMATION RECEPTION SECTION
164... ORGANIZATION SECTION
161... IDENTIFICATION SECTION
140... DISPLAY SECTION
132... PROGRAM INFORMATION STORAGE SECTION
162... SIGNAL FORMAT SPECIFICATION SECTION
110... OPERATION RECEPTION SECTION
150... TYPE INFORMATION STORAGE SECTION
163... ITEM SPECIFICATION SECTION
160... TRANSFER SECTION
A... USER OPERATION

/続葉有/

WO 2004/045203 A1

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/14415

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H04N5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H04N5/00, H04N5/44, H04N5/76, H04Q9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Toroku Jitsuyo Shinan Koho	1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A.	JP 7-327146 A (Samsung Electronics Co., Ltd.), 12 December, 1995 (12.12.95), Par. Nos. [0014] to [0017]; Figs. 5, 6 & US 5631652 A & DE 19517152 A1 & KR 144919 B	1-15
A	JP 2001-145052 A (Sanyo Electric Co., Ltd.), 25 May, 2001 (25.05.01), Full text; Figs. 1 to 5 (Family: none)	1-15



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
11 December, 2003 (11.12.03)

Date of mailing of the international search report
24 December, 2003 (24.12.03)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.